

Application/Control Number: 09/683,122
Art Unit: 2613

Docket No.: 2000-0639

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-8. (Canceled).

~~{e9}~~9. (Currently Amended) The apparatus of claim ~~[[8]]~~ 13 wherein the drift controller selects an amount of drift by including control information in the compressed video.

~~{e10}~~10. (Currently Amended) The apparatus of claim 9, wherein the control information comprises an error prediction strategy.

~~{e11}~~11. (Currently Amended) The apparatus of claim 9, wherein the control information comprises adjustments to quantization.

~~{e12}~~12. (Currently Amended) The apparatus of claim ~~[[8]]~~ 13, wherein the encoder further comprises:

a coarse frame memory that depends only on the base layer;

a fine frame memory that depends on the enhancement layer and the base layer, wherein the coarse frame memory and the fine frame memory provide predictions to the drift controller.

~~{e13}~~13. (Currently Amended) ~~The An~~ apparatus of ~~claim 8~~ for encoding compressed video further comprising:

an input for receiving uncompressed video;

a first output for transmitting a base layer of the compressed video;

a second output for transmitting an enhancement layer of the compressed video;

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an encoder capable of receiving video bits from the input, encoding the video in a base layer and an enhancement layer, and sending the base layer to the first output and the enhancement layer to the second output;

a drift controller connected to the encoder which manages drift introduced into the base layer of the compressed video; and

a third output for transmitting a second enhancement layer of the compressed video, wherein the encoder and the drift controller do not allow errors from the second enhancement layer to propagate to the base layer.

~~{e14}~~14. (Currently Amended) The apparatus of claim ~~[[8]]~~ 13, wherein the apparatus ~~[[is]]~~ further comprises a computer-readable medium.

15-29. (Canceled).